

What is claimed is:

- 1 1.A LCD monitor, comprising:
 - 2 A panel module having a gate driver and a source driver;
 - 3 A control board disposed on a first side of the panel module,
 - 4 comprising:
 - 5 An input interface for receiving plural types of video
 - 6 signals, adapted to select a first-type video signal from
 - 7 the plural types of video signals and generate a first
 - 8 digital video signal according to the first-type video
 - 9 signal;
 - 10 A scaler module, comprising a time control unit, and
 - 11 is provided to receive the first digital video signal; and
 - 12 A micro-processing device, adapted to output a first
 - 13 control signal that controls the scaler module to generate
 - 14 a gate/source-driving signal for the gate driver and the
 - 15 source driver according to the first digital video signal;
 - 16
 - 17 A frame structure, covering the periphery of the panel
 - 18 module; and
 - 19 A cover structure conjugating the frame structure in the
 - 20 aspect of the first side, and covering upon the first side of
 - 21 the panel module and the control board thereon.

- 1 2.The LCD monitor of claim 1, wherein the plural types of
- 2 video signals further comprise an EDID signal, and the control
- 3 board further comprises a memory device for storing the EDID
- 4 signal.

- 1 3.The LCD monitor of claim 1, wherein the first-type video
- 2 signal is provided from a computer, and the first digital
- 3 signal comprises RGB signals.

1 4.The LCD monitor of claim 3, wherein the input interface
2 comprises an A/D converter.

1 5.The LCD monitor of claim 4, wherein the input interface
2 is further adapted to select a second-type video signal from
3 the plural types of video signals, and generate a second
4 digital video signal according to the second-type video signal
5 to the scaler module, and the micro-processing device outputs
6 a corresponding second control signal that controls the scaler
7 module to generate the gate/source-driving signal according
8 to the second digital video signal, wherein the second-type
9 video signal is from a video device.

1 6.The LCD monitor of claim 5, further comprising a
2 switching board that is adapted to provide a switching signal
3 to the scaler module, whereby adjusting the gate/source-
4 driving signal and regulating the performance of pictures
5 displayed on the panel module.

1 7.The LCD monitor of claim 6, further comprising a power
2 module for supplying electric power to the LCD monitor.

1 8.The LCD monitor of claim 7, wherein the power module
2 comprises an AC/DC adapter for converting an alternating
3 current source into at least one direct current source,
4 wherein the direct current source is adapted to supply the LCD
5 monitor direct currents.

1 9.The LCD monitor of claim 8, wherein the AC/DC adapter is
2 disposed on the control board.

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- 1 10.The LCD monitor of claim 9, wherein the cover structure
- 2 is fabricated from materials for resisting electromagnetic
- 3 effects.

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